

ABSTRACT

ABSTRACT OF THE DISCLOSURE

abstract

The invention discloses a portable device that allows the user to access the Internet and World Wide Web. The portable device includes a modem that connects to a cellular telephone, thus the portable device connects wirelessly to the Internet. A host computer that may also be a Web server, is connected to the Internet and comprises various software programs to translate and compress into bit map or raster images the information received from the Internet. The compressed images are sent to the portable device and the device is capable of decompressing the compressed images. Thus, the user views a bit map image of a Web page. The portable device further comprises methods of pointing and clicking on text and images which represent links to other pages. All commands that the user enters into the portable device are sent to the host computer, which performs the commands via a virtual browser, and then rasterizes and compresses the page sends it to the portable device. An alternate embodiment discloses that the display on the palm top device mirrors the entire virtual browser window. The user may perform such events as clicking and scrolling on the bit map image, however the actual execution of the event occurs in the virtual browser. Another embodiment discloses a virtual desk top that the user may access through the palm top device and create and modify documents.

10

15

20

Vertical barcode-like markings on the left margin.